

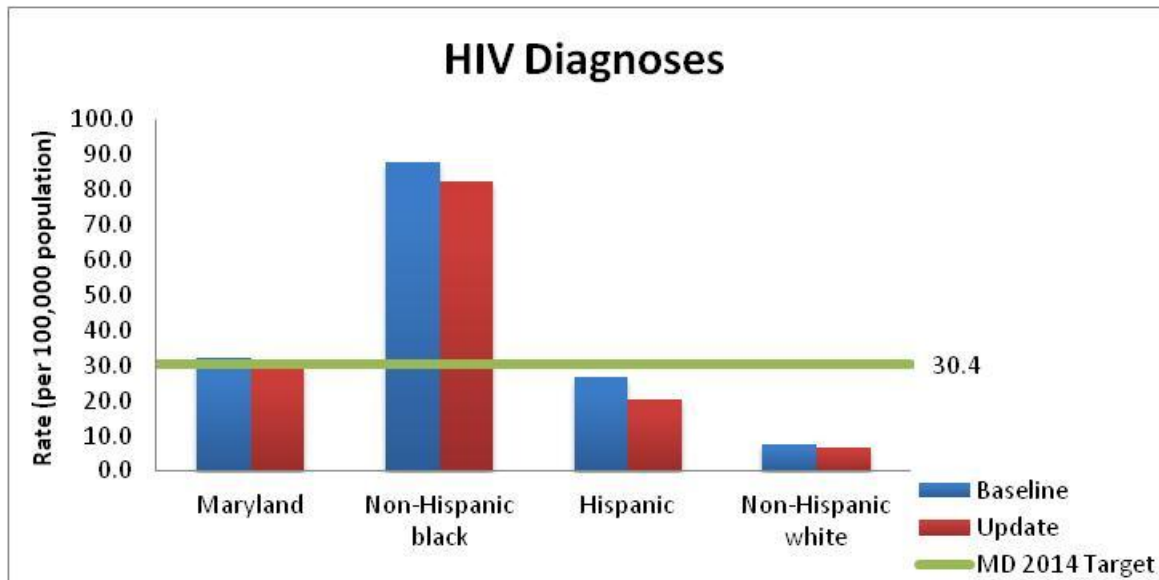
Objective 20: Reduce new HIV infections among adults and adolescents



Update Summary: On track or meeting the Maryland 2014 Target

Statistics and Goals

Measure: Rate of Adult/ Adolescent Cases (Age 13+) Diagnosed with HIV (per 100,000 population)



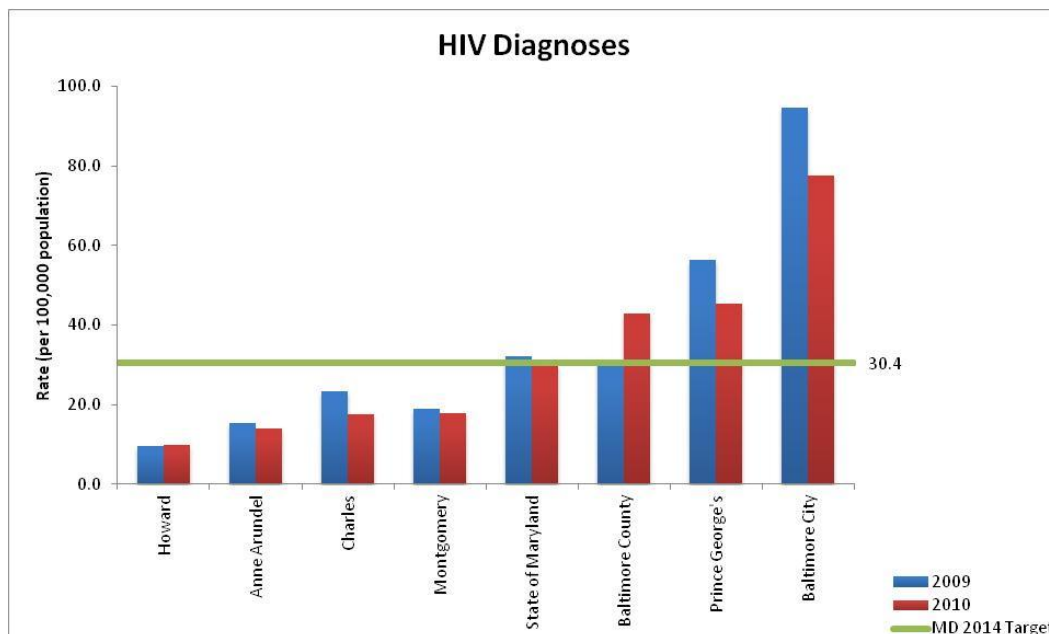
Data Source: Maryland DHMH Infectious Disease Bureau HIV Surveillance System

| Maryland SHIP | Year | Total | NH Black | Hispanic | NH White | SHIP 2014 Target |
|---------------|------|-------|----------|----------|----------|------------------|
| Baseline | 2009 | 32.0 | 87.6 | 26.8 | 7.4 | 30.4 |
| Update | 2010 | 29.7 | 82.3 | 20.1 | 6.6 | |

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Local-Level Data

Measure: Rate of Adult/ Adolescent Cases (Age 13+) Diagnosed with HIV (per 100,000 population)



Data Source: Maryland DHMH Infectious Disease Bureau HIV Surveillance System

| County | 2009 | 2010 |
|--------------------------|-----------------|-----------------|
| State of Maryland | 32.0 | 29.8 |
| Allegany | 6 (Count only) | 3 (Count only) |
| Anne Arundel | 15.5 | 14.1 |
| Baltimore City | 94.6 | 77.6 |
| Baltimore County | 31.1 | 42.9 |
| Calvert | 4 (Count only) | 5 (Count only) |
| Caroline | 2 (Count only) | 3 (Count only) |
| Carroll | 8 (Count only) | 6 (Count only) |
| Cecil | 5 (Count only) | 5 (Count only) |
| Charles | 23.3 | 17.5 |
| Dorchester | 4 (Count only) | 11 (Count only) |
| Frederick | 13 (Count only) | 17 (Count only) |
| Garrett | 0 (Count only) | 0 (Count only) |
| Harford | 14 (Count only) | 17 (Count only) |
| Howard | 9.5 | 9.7 |
| Kent | 0 (Count only) | 1 (Count only) |
| Montgomery | 18.8 | 17.9 |
| Prince George's | 56.4 | 45.3 |
| Queen Anne's | 4 (Count only) | 2 (Count only) |

| County | 2009 | 2010 |
|--------------|-----------------|-----------------|
| Saint Mary's | 4 (Count only) | 4 (Count only) |
| Somerset | 4 (Count only) | 5 (Count only) |
| Talbot | 3 (Count only) | 5 (Count only) |
| Washington | 13 (Count only) | 14 (Count only) |
| Wicomico | 16 (Count only) | 5 (Count only) |
| Worcester | 3 (Count only) | 3 (Count only) |

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| Data Details | |
|----------------------|---|
| <u>National Data</u> | |
| Source | --- |
| Year | --- |
| | |
| <u>Maryland Data</u> | |
| Source | Maryland DHMH Infectious Disease Bureau, Center for HIV Surveillance and Epidemiology |
| Year | |
| Baseline | 2009 |
| Update | 2010 |
| Calculation | |
| Numerator | Number of reported HIV diagnoses among persons age 13 and older during a calendar year (including those reported up to one full year after) |
| Denominator | Number of persons (population) age 13 and over |
| Population source | US Census Bureau, ACS 5 year Census |
| Single year method | --- |
| Combined year method | --- |
| <u>Notes</u> | |
| Race/ethnicity | --- |
| Censoring | --- |
| Origin | Maryland DHMH Infectious Disease Bureau, HIV Surveillance System, Shondelle Wilson-Frederick, August 2012 |
| Other | <p>IMPORTANT NOTE: The data used for this measure, “Number of reported HIV diagnoses among persons age 13 and older during a calendar year” is not a precise measure of new HIV infections.</p> <p>Excerpt from August 2008 CDC Fact Sheet entitled, <i>Estimates of New HIV Infections in the United States</i>:</p> <p>“Monitoring trends in new HIV infections has historically posed a major challenge, in part because many HIV infections are not diagnosed until years after they occur. New technology developed by the Centers for Disease Control and Prevention (CDC) can now be used to distinguish recent from longstanding HIV infections. CDC has applied this advanced technology to develop the first national surveillance system of its kind that is based on direct measurement of new HIV infections. This new system</p> |

represents a major advance in HIV surveillance and allows for more precise estimates of HIV incidence (the annual number of new infections) than ever before possible. “

In the future, DHMH may be able to obtain data on new infections, but until then, the measure will remain new diagnoses.